Calculus Worksheet: Rate of Change (2)

The cross section of the container on the right is an isosceles trapezoid whose angle, lower base are given below. The length of the container is *1* meter. If water pours into the container at the rate of $10\ cm^3/\min ute$ **, find the rate** $\frac{dh}{dt}$ **of the height *h* of water in the container when *h = 1 cm*.**